

REMARKS

Claims 1-57 and 69-134 are currently pending in the present application. By way of this response, claim 92 is amended; claims 120-134 are newly added; claims 69-73, 76, and 92-95 are withdrawn; and claims 58-68 are canceled.

Applicants respectfully submit that new linking claim 120 further clarifies the relationship between Group I and Group III.

RESTRICTION REQUIREMENT

In the Restriction Requirement dated May 24, 2005, the Examiner has required Applicants to elect one of the alleged patentably distinct species under 35 U.S.C. §121:

- I. **Claims 1-57, 77-78, 86-88, 89-91 and 97-119**, drawn to a method of performing numerical computations, classified in class 708, subclass 490;
- II. **Claims 58-68**, drawn to a method of detecting periodic behavior, classified in class 708, subclass 446; and
- III. **Claims 69-73, 76, 92-95**, drawn to a method of generating a pseudo random number, classified in class 380, subclass 45.

Further, the Examiner indicates that claim 119 is generic; claims 74, 75, 83, and 84 link Group II and Group III; and claims 79-82 and 85 link Group I and Group III. Applicants respectfully note that the Examiner has not addressed

claim 96 in the Restriction Requirement dated May 24, 2005, and respectfully submit that claim 96 should have been included in Group I.

In response to the Examiner's Restriction Requirement, Applicants elect, without traverse, to prosecute Group I including claims 1-57, 77-78, 89-91, and 96-119. Applicants respectfully reserve the right to file a divisional application directed to the non-elected claims.

Moreover, Applicants respectfully submit that claims 74, 75, 79-85, and new claim 120 are considered linking claims, which "link" the subject matter of the Group I and III. Under current United States Patent and Trademark Office procedures, linking claims are to be examined with the specific invention elected (M.P.E.P. §809). When a linking claim is found to be free of prior art, based on the initial examination, even though it may be objected to or rejected on formal grounds, the restriction requirement should be withdrawn with respect to any claims that fall within the scope of the linking claims (*Id*). In addition, the Examiner must examine the claims to the non-elected invention that are linked to the elected invention by the allowed linking claim (M.P.E.P. §809.04). Therefore, any claim directed to a non-elected invention, previously withdrawn from consideration, which depends from or includes all of the features of the linking claim that is free of the prior art, may be rejoined and can be fully examined for patentability.

Thus, according to M.P.E.P. §809.04, the Examiner must examine the claims to the non-elected invention that are linked to the elected invention if any of the above discussed linking claims are allowed.

If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone undersigned at the number listed below.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

CONCLUSION

In view of above remarks, an action on the merits of claims 1-57, 77-78, 86-88, 89-91, 96-119, linking claims 74, 75, 79-85, and new claims 120-134 is respectfully requested.

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Respectfully submitted,

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